Supplement to AMERICAN GAS ASSOCIATION MONTHLY, January 1979

Index to Volume 60, 1978
American Gas Association Monthly

Authors

	Page	Issue
ANDERSON, RANDALL—Forecast of Capital Requirements of the U.S. Gas Utility Industry to the Year 2000	30	April
BARTLETT, GEORGE L.—Metrication is Here	31	Jan.
BODLE, W. W., TARMAN, P. B., PUNWANI, D. V. and RADER, A. M.—Synthetic Natural Gas From Peat	20	Feb.
CURNOW, WILLIAM J.—American Natural Resources Educates News Media	26	April
EPSTEIN, MICHAEL and SARKES, LOUIS A.—Maturity of Plastic Pipe Technology	15	Nov.
FISH, LEONARD W.—The Gas Industry and the Future	15	Oct.
FISH, LEONARD W.—Where Gas Stands Today	19	April
HAY, NELSON—Comparison of Foreign Energy Payments Resulting from Importation of LNG vs. Oil	5	Mar.
HAY, NELSON—A Survey of the Role of LNG Peakshaving Facilities in Meeting U.S. Utility Gas Demands	21	May
HITCHINGS, JEFFERY and MENZER, MARK S.—An Economic Comparison of Gas/Solar Heating Systems Versus Electric/Solar Heating Systems	28	Nov.
HU, DR. KANG and ITTEILAG, RICHARD L.—An Evaluation of Conservation in the Residential Gas Space-Heating Market	13	Feb.
IRIBE, P. CHRISMAN and SARKES, LOUIS A.—The Natural Gas Industry—A Perspective	23	May
ITTEILAG, RICHARD L. and ROLAND, ANNE V.—A.G.A. Publishes Gas Househeating Survey	36	Oct.
ITTEILAG, RICHARD L and WALMSLEY JR., WILLIAM L.—Consumer Impact of the National Energy Act Natural Gas Pricing Compromise	22	Nov.
ITTEILAG, RICHARD L. and HU, DR. Kang—An Evaluation of Conservation in the Residential Gas Space-Heating Market	13	Feb.
KENT, HARRY C.—Future Natural Gas Potential	22	Apr.
LAWRENCE, GEORGE H.—A Firm Future with Natural Gas	12	May
LAWRENCE, GEORGE H.—Canadian and U.S. Gas Considerations	20	J/A
LAWRENCE, GEORGE H.—Gas Industry Calls for Increased Research and Development Funding	8	Mar.
LAWRENCE, GEORGE H.—Natural Gas and the Cities: Natural Partnership	5	Jan.
LAWRENCE, GEORGE H.—Pride and Politics	12	Nov.
LOBERG, THOMAS J.—Energy Marketing Under Changing Conditions	17	Nov.
MADEY, DR. ROBERT—Solar Energy Utility Efforts Key to Widespread Utilization	12	Jan.
MARDEN, JANE—Philadelphia Gas and Electric Hosts League of Women Voters	18	Feb.
MENZER, MARK S.—Role of the Gas Industry in Solar Energy	14	June
MENZER, MARK S. and HITCHINGS, JEFFREY—An Economic Comparison of Gas/Solar Heating Systems Versus Electric/Solar Heating Systems	28	Nov.
MENZER, MARK S.—Solar Energy: Its Place in Our Energy Future	5	Oct.
MOREHEAD, DAVID L.—Coal Gasification Experts Meet at Ninth Annual Synthetic Pipeline Symposium	15	Jan.
MORRIS, ROBERT E.—San Diego Gas and Electric Company Works With Consumer Advisory Panel	29	Feb.
NICHOLLS, JOHN and SARKES, LOUIS A.—Unconventional Gas Supply Options	25	Jan.
NORRIS, PEGGY—Julia Child & Company	10	Oct.
PAULO, MATTHEW B.—Consolidated Edison's Gas Management System Tracks and Controls Gas Leak Reports	34	Oct.
PERUZZI, JOSEPH A.—Michigan Wisconsin's Aerial Crossing Takes a Lot of Pull	12	Oct.
PROCTOR, HARVEY A.—After Energy Legislation, What?	11	April
PROCTOR, HARVEY A.—Gas is Still Best	5	June

Authors

	Page	Issue
PUNWANI, D. V., BODLE, W. W., TARMAN, P. B. and RADER, A. M.—Synthetic Natural Gas From Peat	20	Feb.
RADER, A. M., PUNWANI, D. V., BODLE, W. W. and TARMAN, P. B.—Synthetic Natural Gas From Peat	20	Feb.
ROLAND, ANNE V. and ITTEILAG, RICHARD L.—A.G.A. Publishes Gas Househeating Survey	36	Oct.
ROSE, MICHAEL M.—Industrial Gas Marketing: Time for a New Approach	26	Mar.
ROWAN, JEROLD—Brooklyn Union Gas Co. Shows Employees and Customers it C.A.R.E.s	24	J/A
SARKES, LOUIS A.; and EPSTEIN, MICHAEL—Maturity of Plastic Pipe Technology	15	Nov.
SARKES, LOUIS A. and IRIBE, P. HRISMAN—The Natural Gas Industry—A Perspective	23	May
SARKES, LOUIS A. and NICHOLLS, JOHN—Unconventional Gas Supply Options	25	Jan.
SEYMOUR, ROBERT E.—Reflections of a Frustrated Optimist	8	Feb.
SIMMONS, GERALD—How to Select, Develop, Motivate, Reward and Retain an Outstanding Management Team	25	Nov.
SPITZENBERGER, W. A.—The Need for Professional Developers in Public Utility Companies	26	Sept.
TARMAN, P. B., PUNWANI, D. V., BODLE, W. W. and RADER, A. M.—Synthetic Natural Gas From Peat	20	Feb.
THORN, TERENCE H.—Congress Enacts the Natural Gas Policy Act of 1978	5	Nov.
THORN, TERENCE H.—Senate Battles Over President's Energy Plan	11	Feb.
WALMSLEY JR., WILLIAM L. and ITTEILAG, RICHARD L.—Consumer Impact of the National Energy Act Natural Gas Pricing Compromise	22	Nov.
ZIMMER, MICHAEL—Gas from Alaska—Building the Northwest Alaskan Pipeline through Canada	13	April

Subject and Title Index

	Page	Issue
A.G.A.		
A.G.A. Announces New Training Schedule	25	Feb.
A.G.A. Announces Staff Changes	8	Jan.
A.G.A. Displays New Appliances at Homebuilders Show	24	Mar.
A.G.A. Establishes Legal Research Service	17	Feb.
A.G.A. Explains the National Energy Act, Clarifies Industry Position	5	Dec.
A.G.A. Forms Master Metering Committee	29	June
A.G.A. Government Relations Division Broadens Legal Capabilities	19	Sept.
A.G.A. Implements Consumer Roundtables	33	May
A.G.A. Laboratories—Serving the Gas Industry	5	J/A
A.G.A. Launches New Print and Television Advertising Campaign	20	Nov.
A.G.A. and Local Utilities Conduct State Energy Seminars	19	J/A
A.G.A. Marketing Conference to Emphasize Efficient Energy Marketing	22	Mar.
A.G.A. Nominates 1978-79 Officers	14	J/A
A.G.A. Responds to GAO Liquefied Energy Gases Safety Report	11	Sept.
A.G.A./S.G.A. Co-Sponsor 1978 Annual Communications Workshop	28	April
A.G.A. Schedules 1978-79 Season Commercials	33	Oct.
A.G.A. Sponsors New Schedule of Television Shows	17	Jan.
A.G.A. Sponsors Operating Section's Transmission and Distribution Conference	13	Mar.
A.G.A. Urban Affairs Task Force Considers Community Concerns	23	June
A.G.A. Year End Report	24	Jan.
A.G.A.'s Energy Writer's Luncheon Offers Forum for Industry Issues	10	Jan.
Building a Responsive, Responsible Association	17	Dec.
Emphasis on the Positive at the A.G.A. Transmission and Distribution Conferences	26	J/A
First A.G.A. Legal Forum Highlights Key Industry Legal Problems	13	Sept.
Former A.G.A. Chairman Richard Rutherford Dies at 74	14	Jan.
Gas is Still Best	5	June
Guy W. Wadsworth Jr., Former A.G.A. Chairman, Dies at 76	10	Feb.
New Directions, New Horizons	20	Dec.
Top Level Management Shifts Announced by A.G.A.	8	May
Turnaround	15	Dec.
A.G.A. Annual Meeting		
A.G.A. Announces Advance Annual Meeting Program	9	J/A
A.G.A. Annual Meeting Update	8	Sept.
Building a Responsive, Responsible Annual Meeting	17	Dec.
Economic Alternatives of the Future	44	Dec.
Financial and Administrative Section Examines the Economy, Reports on Successful Year	61	Dec.
The Gas Industry and the Securities Industry: Hands Across the Table	31	Dec.
Improving Gas Appliances for Tomorrow's Market	50	Dec.
Improving Your Corporate Credibility	41	Dec.
Marketing Section Enters Era of New Vitality	63	Dec.
Marketing to Future Values and Needs	47	Dec.
Meeting the Challenge	53	Dec.
Minority Viewpoints	25	Dec.
New Directions, New Horizons	20	Dec.
New Directions, New Horizons: A.G.A. Emphasizes Marketing and Communications at 60th Annual Meeting	9	Dec.
New Orleans . . . The City that Care Forgot Welcomes the A.G.A. 60th Annual Meeting	5	May
New Orleans . . . Where the Past Meets the Present . . . Hosts the A.G.A. 60th Annual Meeting	8	April
Operating Section Studies and Reports Roots to Greater Efficiency	65	Dec.
Public Opinion Update	22	Dec.
The Regulatory Merry-Go-Round	34	Dec.
Spouses Attend Second Annual Special General Session	59	Dec.
Strategy for Freedom and Prosperity	28	Dec.
Turnaround	15	Dec.
World Energy Outlook	56	Dec.
A.G.A. Publications		
A.G.A. Publishes Gas Househeating Survey	36	Oct.
A.G.A. Publishes *1977 Gas Facts*	14	Oct.
A.G.A. Washington Letter Keeps Readers Informed of Congressional and Government Action	25	Sept.
Gas Supply Review Keeps Technical and Policy Analysts Informed	29	Mar.
A.G.A. Staff		
A.G.A. Announces Staff Promotions	35	May

	Page	Issue
A.G.A. Government Relations Division Broadens Legal Capabilities	19	Sept.
A.G.A. Makes Four Appointments to Senior Management Group	23	J/A
A.G.A. Staff Changes	35	J/A
Dorner Joins A.G.A.	34	April
Kean Prepares for an Involved Year as 1978-79 Chairman	11	Dec.
New A.G.A. Staff Members	32	June
Pauline Foster Retires from A.G.A. Staff	28	Mar.
Proctor Closes Successful Term as Chairman, Cites Industry Progress	13	Dec.
Staff Changes at A.G.A.	33	Mar.
Staff Changes at A.G.A.	36	Sept.
Top Level Management Shifts Announced by A.G.A.	8	May
Advertising		
A.G.A. Continues Multiple Page Advertising Effort.	19	Jan.
A.G.A. Launches New Print and Television Advertising Campaign	20	Nov.
A.G.A. Schedules 1978-79 Season Commercials	33	Oct.
America is Stronger than You Think	29	April
Eight-Page Advertising Section Spearheads Fall E.S.P. Program	25	June
Energy Savings Payback Program Helps Dealers to Promote Efficient Appliances	20	Mar.
Alaskan Gas		
Gas from Alaska—Building the Northwest Alaskan Pipeline Through Canada	13	April
Overview: Alaskan Pipeline—Partnership Formed	3	May
Awards		
A.G.A. Announced 1978 Consumer Affairs Awards at Marketing Conference, April 18	28	May
A.G.A. Presents 1977 Public Relations Awards at Communications Workshop, April 30-May 3	16	May
Emphasis on the Positive at the A.G.A. Transmission and Distribution Conference	26	J/A
National Science Teachers Association and A.G.A. Present 1978 STAR Awards	30	Mar.
Capital Requirements		
A.G.A. Publishes Capital Requirements Comparison	8	June
Forecast of Capital Requirements of the U.S. Gas Utility Industry to the Year 2000	30	April
The Gas Industry and the Securities Industry: Hands Across the Table	31	Dec.
Increase Sought for Fuel Research	34	April
The President's Page	2	April
Coal Gasification		
Coal Gasification Advantages Stressed	33	J/A
Coal Gasification Experts Meet at Ninth Synthetic Pipeline Symposium	15	Jan.
Companies Unite to Build Coal Gasification Plant	36	Sept.
DOE and GRI Cancel Synthetic Fuel Project	40	Oct.
Overview: An 'Important Step' for Underground Coal Gasification	4	Oct.
Communications		
A.G.A. Explains the National Energy Act, Clarifies Industry Position	5	Dec.
A.G.A. Presents 1977 Public Relations Awards at Communications Workshop, April 30-May 3	16	May
A.G.A. Washington Letter Keeps Readers Informed of Congressional and Government Action	25	Sept.
A.G.A. Energy Writers' Luncheon Offers Forum for Industry Issues	10	Jan.
American Natural Resources Educates News Media	26	April
Aspen Institute Seminar Concludes: 'Gas Option is Key to Energy Future'	5	Sept.
Conservation—Practicing What We Preach	13	J/A
First A.G.A. Legal Forum Highlights Key Industry Legal Problems	13	Sept.
Future Natural Gas Potential	22	April
Iowa Power and Light Co.'s School Program Uses PUPPET POWER	30	J/A
National Energy Plan and Energy Supply Initiatives Discussed at 1978 A.G.A. Government Relations Seminar	9	June
New Directions, New Horizons	20	Dec.
Pride and Politics	12	Nov.
Spouses Attend Second Annual Special General Session	59	Dec.
Utility Communicators Exchange Ideas at A.G.A. Workshop	27	June
Conferences		
A.G.A. Marketing Conference to Emphasize Efficient Energy Marketing	22	Mar.
A.G.A. Sponsors Operating Section's Transmission and Distribution Conference	13	Mar.
Aspen Institute Seminar Concludes: 'Gas Option is Key to Energy Future'	5	Sept.
Emphasis on the Positive at the A.G.A. Transmission and Distribution Conferences	26	J/A
Fifth Energy Technology Conference Set for February	23	Jan.
First A.G.A. Legal Forum Highlights Key Industry Legal Problems	13	Sept.
Geopressured Gas Resources Subject of A.G.A. Seminar	28	Sept.
Industry Vitality Reaffirmed at 1978 A.G.A. Marketing Conference	17	June
National Energy Plan and Energy Supply Initiatives Discussed at 1978 A.G.A. Government Relations Seminar	9	June
New Directions, New Horizons: A.G.A. Emphasizes Marketing and Communications at 60th Annual Meeting	9	Dec.
Utility Communicators Exchange Ideas at A.G.A. Workshop	27	June
Congressional Relations		
Congress Enacts the Natural Gas Policy Act of 1978.	5	Nov.
Senate Battles Over President's Energy Plan	11	Feb.
Congressional Testimony		
Gas Industry Calls for Increased Research and Development Funding	8	Mar.
R & D Budget Increase Urged	29	June
Conservation		
A.G.A. Space Heating Efficiency Improvement Program Announces Preliminary Testing Results	22	June
Conservation—Practicing What We Preach	13	J/A
Eight-Page Advertising Section Spearheads Fall E.S.P. Program	25	June
Elizabethtown Gas Co. Utility Energy Management Program Brings Added Revenues	12	June
Energy Management Fall Program Carries ESP Story	30	Sept.
An Evaluation of Conservation in the Residential Spaceheating Market	13	Feb.
Gas is Still Best	5	June
Project EFFECT: Energy for the Future: Education, Conservation and Training	38	Oct.
SoCal Unveils Mobile Conservation Unit	18	Sept.
South Jersey Gas Co. Establishes Energy Savers Centers	20	May
Consumer Affairs		
A.G.A. Announced 1978 Consumer Affairs Awards at Marketing Conference, April 18	28	May
A.G.A. Implements Consumer Roundtables	33	May
A.G.A. and Local Utilities Conduct State Energy Seminars	19	J/A
Brooklyn Union Gas Co. Shows Employees and Customers it C.A.R.E.s	24	J/A
Brooklyn Union's Cinderella Project Helps Revitalize a Decaying Community	8	Oct.

	Page	Issue
Consolidated Edison's Gas Management System Tracks and Controls Gas Leak Reports	34	Oct.
ENTEX Designs Consumer Information Books	19	Mar.
Elizabethtown Gas Co. Utility Energy Management Program Brings Added Revenues	12	June
Peoples Natural Gas Company: Restoring Service and Reconstructing Lives After Johnstown Flood	5	Feb.
Improving Your Corporate Credibility	41	Dec.
Customer Service		
Boston Gas' Battle with the Great Blizzard of 1978	31	Sept.
Propane: New Role for an Old Fuel	16	J/A
Deregulation		
After Energy Legislation, What?	11	April
Congress Enacts the Natural Gas Policy Act of 1978.	5	Nov.
The President's Page	2	June
The President's Page	2	May
Economic Development		
The Need for Professional Developers in Public Utility Companies	26	Sept.
Economy		
Comparison of Foreign Energy Payments Resulting from Importation of LNG vs. Oil	5	Mar.
Economic Alternatives of the Future	44	Dec.
Financial and Administrative Section Examines the Economy, Reports on Successful Year	61	Dec.
The Gas Industry and the Securities Industry: Hands Across the Table	31	Dec.
Gas Industry Calls for Increased Research and Development Funding	8	Mar.
Educational Programs		
A.G.A. Announces New Training Schedule	25	Feb.
CIGC Program Teaches Marketing Techniques	25	Mar.
Educational Services		
Iowa Power and Light Co.'s School Program Uses PUPPET POWER	30	J/A
National Science Teachers Association and A.G.A. Present 1978 STAR Awards	30	Mar.
Project EFFECT: Energy for the Future: Education, Conservation and Training	38	Oct.
SoCal Unveils Mobile Conservation Unit	18	Sept.
South Jersey Gas Co. Establishes Energy Savers Centers	20	May
Washington Gas Light Develops Student Career Program	20	June
Employee Education		
Boston Gas Company Educates Employees Through Formal Training	27	Feb.
Brooklyn Union Gas Co. Shows Employees and Customers it C.A.R.E.s	24	J/A
Consolidated Edison's Gas Management System Tracks and Controls Gas Leak Reports	34	Oct.
Employee Practices		
How to Select, Develop, Motivate, Reward and Retain an Outstanding Management Team	25	Nov.
Energy Analyses		
The Consumer Impact of the National Energy Act	22	Nov.
An Economic Comparison of Gas/Solar versus Electric/Solar Systems	28	Nov.
Energy Sources		
Gas From Garbage: Brooklyn Union Gas Co. Tests Recovery of Methane from Landfill	16	Sept.
Geopressures Gas Resources Subject of A.G.A. Seminar	28	Sept.
Improving Gas Appliances for Tomorrow's Market	50	Dec.
Engineering		
Michigan Wisconsin's Aerial Crossing Takes a Lot of Pull	12	Oct
Exploration		
Modern Monsters Help in the Search for Additional Gas and Oil Supplies	16	April
Foreign Markets		
Canadian and U.S. Gas Considerations	20	J/A
Overview: Mexico Withdraws Offer to Sell Gas	3	Oct.
World Energy Outlook	56	Dec.
Future Supply		
The Gas Industry and the Future	15	Oct.
Future Natural Gas Potential	22	April
Gas Men's Roundtable		
Mexican Ambassador Hopeful for Agreement	32	J/A
Overview: Mexican Gas is Available—On Mexican Terms	3	June
Overview: New Industrial Markets Are Critical For The Gas Industry	3	Dec.
Gas Supply		
Reflections of a Frustrated Optimist	8	Feb.
Synthetic Natural Gas From Peat	20	Feb.
Government Agencies		
Council of Economic Advisors Plays Key Role in Policy Matters	7	Jan.
Department of Interior Oversees Nation's Natural Resources	16	Feb.
Office of Energy Related Inventions Encourages Development of Energy Sources and Technologies	11	Mar.
The Regulatory Merry-Go-Round	34	Dec.
Government Relations		
A.G.A. Government Relations Division Broadens Legal Capabilities	19	Sept.
Congress Enacts the Natural Gas Policy Act of 1978.	5	Nov.
Council of Economic Advisors Plays Key Role in Policy Matters	7	Jan.
Department of Interior Oversees Nation's Natural Resources	16	Feb.
Government Relations Coordination Program Enlists New Staff	21	April
National Energy Plan and Energy Supply Initiatives Discussed at 1978 A.G.A. Government Relations Seminar	9	June
Industry Meetings		
A.G.A. Emphasizes Gas for Today and Tomorrow at National Restaurant Show Exhibit	35	Sept.
A.G.A.'s Energy Writer's Luncheon Offers Forum for Industry Issues	10	Jan.
Coal Gasification Experts Meet at Ninth Synthetic Pipeline Symposium	15	Jan.
Fifth Energy Technology Conference Set for February	23	Jan.
Geopressured Gas Resources Subject of A.G.A. Seminar	28	Sept.
Labor		
Expanded Gas Supply Could Mean One Million Jobs by 1985	31	May
League of Women Voters		
Philadelphia Gas and Electric Company Hosts League of Women Voters	18	Feb.
Legal Services		
A.G.A. Establishes Legal Research Service	17	Feb.
First A.G.A. Legal Forum Highlights Key Industry Legal Problems	13	Sept.
Legislation		
After Energy Legislation, What?	11	April
Strategy for Freedom and Prosperity	28	Dec.

	Page	Issue
Liquefied Natural Gas		
A.G.A. Responds to GAO Liquefied Energy Gases Safety Report	11	Sept.
Appraisals of LNG Safety Called Unrealistic	33	Mar.
Comparison of Foreign Energy Payments Resulting from Importation of LNG vs. Oil	5	Mar.
LNG Deliveries Begin at Cove Point	5	April
Survey of the Role of LNG Peakshaving Facilities in Meeting U.S. Utility Gas Demands	21	May
Two LNG Import Projects Approved	3	Jan.
Management		
How to Select, Develop, Motivate, Reward and Retain an Outstanding Management Team	25	Nov.
Marketing		
A.G.A. Space Heating Efficiency Improvement Program Announces Preliminary Testing Results	22	June
A.G.A. Study Shows Gas Key to Energy Future	69	Dec.
Eight-Page Advertising Section Spearheads Fall E.S.P. Program	25	June
Energy Marketing Under Changing Conditions	17	Nov.
An Evaluation of Conservation in the Residential Spaceheating Market	13	Feb.
Improving Gas Appliances for Tomorrow's Market	50	Dec.
Industrial Gas Marketing—Time for a New Approach	26	Mar.
Industry Vitality Reaffirmed at 1978 A.G.A. Marketing Conference	17	June
Marketing Section Enters Era of New Vitality	63	Dec.
Marketing to Future Values and Needs	47	Dec.
Meeting the Challenge	53	Dec.
The Need for Professional Developers in Public Utility Companies	26	Sept.
Propane: New Role for an Old Fuel	16	J/A
Measurement		
Metrication is Here	31	Jan.
Media		
American Natural Resources Educates News Media	26	April
Julia Child & Company	10	Oct.
NAACP		
Minority Viewpoints	25	Dec.
National Energy Act		
A.G.A. Explains the National Energy Act, Clarifies Industry Position	5	Dec.
A.G.A. Leaders Address New Orleans' Financial Community	67	Dec.
The Consumer Impact of the National Energy Act	22	Nov.
Congress Enacts the Natural Gas Policy Act of 1978.	5	Nov.
A Firm Future with Natural Gas	12	May
Overview	3	May
President Chides Congress on Energy Bill Delay	3	Feb.
President's Page	2	Sept.
The President's Page	2	Nov.
The Regulatory Merry-Go-Round	34	Dec.
Senate Battles Over President's Energy Plan	11	Feb.
Turnaround	15	Dec.
Outer Continental Shelf		
Comments Requested on 1979 OCS Lease Sale	31	Feb.
Exploratory Drilling Plans Approved by USGS	34	Jan.
Interior Secretary Lauds Passage of OCS Act	31	Nov.
New England OCS Lease Sales	3	Jan.
OCS Potential Studied	35	May
Overview: OCS at Sea and in Court	4	April
Tract List Announced for Gulf of Mexico OCS Sale	35	May
Pipeline		
Maturity of Plastic Pipe Technology	15	Nov.
Michigan Wisconsin's Aerial Crossing Takes a Lot of Pull	12	Oct.
Propane		
Propane: New Role for an Old Fuel	16	J/A
Public Relations		
Boston Gas' Battle with the Great Bilzzard of 1978	31	Sept.
Brooklyn Union's Cinderella Project Helps Revitalize a Decaying Community	8	Oct.
Julia Child & Company	10	Oct.
Peoples Natural Gas Company: Restoring Service and Reconstructing Lives After Johnstown Flood	5	Feb.
Philadelphia Gas and Electric Company Hosts League of Women Voters	18	Feb.
Public Opinion Update	22	Dec.
San Diego Gas and Electric Company Works With Consumer Advisory Panel	29	Feb.
Utility Communicators Exchange Ideas at A.G.A. Workshop	27	June
Research		
A.G.A. Laboratories—Serving the Gas Industry	5	J/A
Gas From Garbage: Brooklyn Union Gas Co. Tests Recovery of Methane from Landfill	16	Sept.
Gas Industry Calls for Increased Research and Development Funding	8	Mar.
Maturity of Plastic Pipe Technology	15	Nov.
Reserves		
Natural Gas Industry . . . A Perspective	23	May
Natural Gas Reserves Reflect Increased Drilling Activity	10	May
Safety		
USGS Reports Increased SSSD Reliability	33	Jan.
Sales		
A.G.A. Year End Report	24	Jan.
Solar Energy		
An Economic Comparison of Gas/Solar Versus Electric/Solar Systems	28	Nov.
IGT Receives DOE Contract for Solar Research	33	Jan.
Role of the Gas Industry in Solar Energy	14	June
Solar Energy: Its Place in Our Energy Picture	5	Oct.
Solar Energy Utility Efforts Key to Widespread Utilization	12	Jan.
Supply		
Overview: Canadian Gas is Available Now	3	June
A Firm Future with Natural Gas	12	May
Forecast of Capital Requirements of the U.S. Gas Utility Industry to the Year 2000	30	April
Gas from Alaska—Building the Northwest Alaskan Pipeline Through Canada	13	April
The Gas Industry and the Future	15	Oct.
LNG Deliveries Begin at Cove Point	5	April
Operating Section Studies & Reports Roots to Greater Efficiency	65	Dec.
Overview: Mexican Gas is Available—On Mexican Terms	3	June
Canadian and U.S. Gas Considerations	20	J/A
Growth in Supply Predicted by A.G.A. President	37	Sept.
Overview: A Mexican Stand Off	3	Jan.
Natural Gas and the Cities: Natural Partnership	5	Jan.
Natural Gas Industry . . . A Perspective	23	May
Survey of the Role of LNG Peakshaving Facilities in Meeting U.S. Utility Gas Demands	21	May
Unconventional Gas Supply Options	25	Jan.
U.S. and Canada Agree to Swap Gas	3	Feb.
Where Gas Stands Today	19	April
Synthetic Natural Gas		
Coal Gasification Experts Meet at Ninth Synthetic Pipeline Symposium	15	Jan.
Synthetic Natural Gas From Peat	20	Feb.
Unconventional Gas Supply Options	25	Jan.
Taxes		
Strategy for Freedom and Prosperity	28	Dec.

Subject and Title Index

	Page	Issue
Urban Affairs		
A.G.A. Urban Affairs Task Force Considers Community Concerns	23	June
Urban Affairs, continued		
Natural Gas and the Cities: Natural Partnership	5	Jan.

Names in the News

	Issue		Issue		Issue		Issue
Abel, William A.	Dec.	Borneman, Donald W.	April	Clusen, Ruth	Dec.	Ersek, Stephen E.	April
Abshier, Ann	April	Bosland, David G.	J/A	Cole, John H.	Nov.	Eschenbrenner, Gunther P.	Dec.
Adams, Dr. Lehman D.	Jan.	Boubel, Dr. Richard W.	Sept.	Collier, Forrest L.	Nov.	Evans, Charles R.	April
Adamson, Jean W.	April	Boulanger, Rodney E.	Oct.	Collier, Gordon W.	Oct.	Evans, Cheryl A.	Nov.
Ahearne, John F.	June	Bowden, H. K.	Dec.	Collins, John J.	Dec.	Evans, Thomas H.	Dec.
Akers-Reaman, A. G.	Dec.	Bowen, W. J.	J/A	Conklin, Ralph S.	J/A	Ewald, Clark B.	Nov.
Albert, Theodore M.	Dec.	Bowman, Laird	J/A	Conrad, Frederick C.	Mar.	Ewan, Donald N.	Sept.
Albon, Ross K.	June	Boyd, Howard	May	Cooper, James C.	May		
Albrecht, Harry L.	Jan.	Bracy, Michael B.	Feb.	Cordaro, Dr. Matthew C.	Sept.	Fackler, Robert	Sept.
Albrechtsen, Ray H.	Nov	Bradtke, Al	June	Cornillaud, Mel	Dec.	Fairchild, John A.	Sept.
Alcorn, Elsie	Feb.	Brady, Vincent J.	J/A	Cota, John F.	Feb.	Faulkner, T. J.	June
Allen, Donald E.	Nov.	Bram, Stephen B.	J/A	Coulter, Carl	Sept.	Feeley, Sister Kathleen	Oct.
Allen, James W.	Sept.	Breitenwischer, Robert H.	Dec.	Coulter, J. H.	June	Feely Jr., Frank J.	Jan.
Allen, John L.	June	Brennan, R. Gerald	Dec.	Cox, Gilbert E.	Nov.	Feldman, A. L.	Jan.
Allen, John L.	Dec.	Brock, James Stanley	April	Crabtree, Giles M.	April	Felhauer, Virgil E.	Mar.
Alvare, Anita M.	Sept.	Brodzeller, Leo E.	J/A	Creigh Jr., Thomas	Sept.	Ferger, L. A.	J/A
Ammentorp, Willis F.	Dec.	Brookby, Harry D.	April	Crockwell, Justin A.	Dec.	Ferranty, Robert J.	June
Anderson, Glenn E.	Mar.	Brooks, Donald A.	June	Crooke, Edward A.	Mar.	Files, Jon M.	June
Anderson, Herbert A.	Feb.	Brooks, H. Calvin	June	Croom, John H.	Oct.	Fink, R. D.	J/A
Anderson, Robert C.	J/A	Brooks, Robert W.	Feb.	Crowley, D. J.	April	Finnegan, James J.	April
Anderson, Robert W.	June	Brooks, Robert W.	April	Cryder, James W.	Nov.	Finneran, James A.	Dec.
Andrew, Harry	J/A	Brophy, Theodore F.	Dec.	Cutter, Earl B.	Feb.	Fischer, Frank E.	June
Andrews, Alex B.	Mar.	Brown, John F.	May	Culbertson, LeRoy	April	Fisher, A. J. L.	Sept.
Asai, Melvin H.	April	Brown, John M.	June	Culpepper, Fred C.	April	Fissell, Donald E.	Feb.
Askew, Richard G.	Dec.	Brown, John T.	Sept.	Cutright, Charles L.	Oct.	Fissell, Donald L.	March
Aubin Jr., T. L.	May	Brown, Theodore D.	Jan.	Dalton, Vernon E.	April	Fitzgeorge, Harold J.	Dec.
Avra, Edward W.	Oct.	Bruening, Norm	June	Dalton, W. H.	Sept.	Flint, G. T.	Dec.
Aymond, A. H.	April	Bruha, William A.	Dec.	Dancer, James	Sept.	Flood, Roger D.	June
		Bryand III, A. Hager	Nov.	David, Monte B.	Nov.	Fluker, Ralph H.	Mar.
Bachman, Jack D.	Sept.	Buckingham, Charles E.	Nov.	Davidson, Thomas M.	Jan.	Ford, James A.	June
Backer, Morris	Sept.	Buckley, Charles P.	Dec.	Davies, William R.	J/A	Ford, James B.	June
Bacon, John J.	June	Budden, Robert G.	J/A	Davis, Charles J.	Jan.	Fowler, Robert A.	Mar.
Bailey, R. E.	Dec.	Bullick, Margaret M.	Dec.	Deal, Maurice D.	June	Fox, Dr. Elliot	J/A
Bailey, Ralph E.	Jan.	Burkett, Brodie C.	Sept.	Dean III, Dallas	Dec.	Frauenhofer, Victor H.	May
Bailey, William J.	Dec.	Burleson, Winifred H.	June	Dendinger, Eugene A.	Jan.	Freeman, James W.	June
Ball, Willard J.	Feb.	Busa, Leroy F.	Feb.	Denton, Bruce M.	Sept.	Fri, Robert W.	Nov.
Barnard, L. Ray	June	Bush, R. G.	Sept.	Deveraux Jr., Joseph M.	Mar.	Froehlich, Raymond P.	April
Barnes, J. E.	Dec.	Butel, Jane	Feb.	Dickard III, Herbert E.	Mar.	Fromm, Winfield E.	April
Barnwell, William W.	Dec.	Butler, Fred	June	DiSesa, Daniel V.	April	Funston, M. D.	Sept.
Barragan Jr., Frank	Mar.	Butner, Howard E.	Sept.	Disharoon, Leslie B.	April		
Bartkus, Robert B.	Dec.	Cabe, Robert E.	Oct.	Dixon Jr., Floyd W.	Jan.	Galloway, Harold R.	June
Bartlett, John D.	Jan.	Cade, Michael J.	Oct.	Dodd, M. M.	June	Gall, Dorothy S.	J/A
Batch, Dr. John M.	J/A	Caffey, Ammon	Sept.	Dodd, Morris M.	Mar.	Galvin, Thomas J.	J/A
Bates, Joel G.	May	Cain, James M.	May	Dodge, James H.	May	Gardner, Dan L.	Dec.
Bauer, Adrian F.	J/A	Caldwell, John G.	Sept.	Dodge, James H.	Nov.	Garison Jr., John P.	J/A
Beardsley, Dee E.	Mar.	Capshaw, John C.	Oct.	Dollar, Donnie E.	Nov.	Garrison, Earle	Sept.
Bechtol, Bennett E.	Mar.	Carameros, Jr., George D.	May	Donnelly, James C.	Dec.	Gatenby, William H.	Jan.
Becraft, John R.	Dec.	Carpenter, John	Sept.	Dorschu, Dr. Karl E.	Nov.	Geiger, Paul E.	June
Beddoe-Stephens, Clive	Mar.	Carriker, George M.	June	Dorsey, Edward	April	Gentile, Fred J.	May
Beilman, Donald S.	April	Carroll, John	Nov.	Dorsey, Leon	Sept.	Gentile, Tony	Dec.
Bell, J. B.	April	Carter, Joseph O.	Mar.	Dudek, Stephen A.	Feb.	Gerretsen, Reinder W.	Dec.
Bell, Dr. Robert A.	J/A	Casaday, Dean T.	Dec.	Duggan, Jerry T.	Nov.	Geske, Larry D.	Sept.
Berkenkamp, Fred J.	April	Casaday, Dean T.	Sept.	Dukes Jr., W. W.	J/A	Gilbert, Robert B.	J/A
Bertrand, Lee A.	J/A	Casey, William J.	April	Dunham, Richard L.	April	Gilbreath, Robert D.	Dec.
Biggs, Richard A.	Nov.	Cassin, William B.	May	Dunlop, James W.	May	Gilman, Ethan H.	Feb.
Bippus, Edward G.	Sept.	Castellarin, Sheila A.	Sept.	Durham, Kenneth N.	Jan.	Glauner, Alfred W.	Dec.
Birch, Charles C.	J/A	Chamberlain, A. B.	J/A	Dzubak, Edward	Nov.	Goldberger, Dr. W. M.	Dec.
Bishop, Robert W.	June	Chambers Jr., Patrick J.	June	Dzuricky, David J.	Oct.	Gooch, J. Glenn	Mar.
Black, Calvin	Dec.	Chandler, John F.	Oct.			Good, Kenneth R.	Mar.
Black, Larry L.	Sept.	Chandler, Marland H.	Feb.	Ebeling, John A.	J/A	Goodman, Eugene L.	Dec.
Black, Theodore H.	Mar.	Charles, Robert H.	Feb.	Echimovich, John	Mar.	Gordon, John L.	June
Blauvelt, Howard W.	Jan.	Ching, Andrew H.	Mar.	Edwards, Grady F.	Dec.	Gordon, Richard J.	Oct.
Blauvelt, Howard W.	Dec.	Chiodo, Dean N.	May	Edwards, W. Roger	Feb.	Gorton, Melvin B.	Dec.
Blessey, Walter E.	Dec.	Christensen, Howard A.	Dec.	Edwards, William A.	Sept.	Goss, Charles H.	Feb.
Blincoe, Julian L.	June	Clancy, C. Patrick	J/A	Edwards Jr., Hero J.	Oct.	Grant, Michael D.	Dec.
Blount, William I.	Mar.	Clark, George T.	Mar.	Ege, Stanford O.	April	Green, Daniel D.	Nov.
Blum, Donald R.	J/A	Clark, Truman B.	April	Eide, Robert	April	Greenwood, Kenneth B.	June
Blum, James P.	Mar.	Clarke, Gillian	June	Ellis, William B.	June	Gregg, Robert D.	Mar.
Boniger, Richard	June	Clarke, William F.	Mar.	Elmer, W. M.	J/A	Griffin Jr., Thoman A.	April

	Issue
Griffiths, David N.	May
Grivetti, E. J.	Dec.
Gross, Fred H.	Mar.
Grubb, Dan B.	Jan.
Guarnera, Bernard J.	June
Guffey, Donald D.	J/A
Guile, Thomas W.	Feb.
Guthrie, William R.	April
Gwinn, Maclay D.	April
Haas, Kenneth J.	J/A
Hallgren, Mark	April
Hallinger, Donald E.	Sept.
Hambright, William B.	Oct.
Hamlin, William G.	June
Hancock, John W.	Mar.
Hancock, John W.	June
Hanold, Mark J.	Sept.
Hardesty Jr., C. Howard	Jan.
Hardesty Jr., C. Howard	April
Hardy, James E.	J/A
Hargrove, James W.	Mar.
Harmening, Orval H.	Feb.
Harrell, B. E.	Sept.
Harriger, John W.	Dec.
Harrington, Dolores J.	Sept.
Harrison, Len	Nov.
Hart, Robert N.	June
Harvey, Gerald B.	June
Hasch, John B.	Jan.
Hashimoto, Edward	Mar.
Hathaway Jr., Paul L.	Mar.
Hay, Nelson E.	J/A
Hayes, John H.	Sept.
Hebling, Don E.	Feb.
Hedger, Forrest	Sept.
Heineman, W. P.	Nov.
Helfrecht, Donald J.	J/A
Hemminghaus, Roger R.	Dec.
Henderson, Charles L.	J/A
Henderson, E. N.	Sept.
Henderson, Robert P.	J/A
Hendrix, Dennis R.	J/A
Hensler, Ralph M.	April
Hergenhan, Joyce	Nov.
Herzog, Richard B.	Dec.
Hibben, Joseph W.	Mar.
Hill, Benny M.	Nov.
Hill Jr., L. Jay	Oct.
Hinds, Jackson C.	Oct.
Hinds, W. F.	Oct.
Hise, Dr. Ralph E.	June
Hoff, James L.	Mar.
Holder, Willis C.	Feb.
Holik Jr., William V.	May
Hollingsworth, B. J.	Dec.
Holman, Orlo B.	Mar.
Holtz, Donald C.	Nov.
Holzer, Eugene V.	Dec.
Hood, Dr. Henry	J/A
Hopkins, William T.	J/A
Horton, Jack K.	June
Houston, Jack	June
Hover, W. A.	Dec.
Howell, Stephen H.	Oct.
Hubner, Robert W.	J/A
Hughes, Royston C.	Oct.
Humphrey, Raymond H.	Nov.
Hunsaker, Barry	May
Hunter, James W.	Feb.
Hurley Jr., Albert F.	April
Hurstell, Malcolm L.	Oct.
Hyclak, Frank A.	Dec.
Jackson, Raymond L.	Oct.
Jakobs, Frederick H.	J/A
Jenkins, Arnold	Jan.
Jensen, Robert P.	Dec.
Jenson, M. Michael	Feb.
Johnson, Wayne D.	Oct.
Jones, David R.	Oct.
Jones, Donald S.	April
Jones Jr., Paul E.	Sept.
Jones, Richard O.	June
Jones, Richard O.	Nov.
Jones, Robert E.	J/A
Jordan, Robert C.	J/A
Kamman, Gerald J.	April
Kaplan, Robert A.	J/A
Karzas, Byron C.	April
Kaser, Jean V.	April
Kash, Dr. Don E.	Dec.
Kays Jr., Marion R.	Nov.
Kean, Stewart B.	June
Kelley, Joseph T.	June
Kelso, J. Richard	Oct.
Kempner, James C.	Jan.
Kenehan, Patrick	April
Kenna, E. Douglas	Dec.
Kennedy, Bernard J.	June
Kenney, Thomas F.	Feb.
Kerbyson, Stanley E.	April
Kiley, Thomas H.	Mar.
Killian, R. J.	Mar.
King, Glenn R.	June
King, John L.	Nov.
King, Rebecca B.	April
Kingsberg, W. James	Mar.
Kinnicutt, Philip H.	Feb.
Kircher, John E.	Jan.
Kircher, William R.	Sept.
Kirk Jr., Earl	April
Klepfer, Thomas F.	Mar.
Knight Jr., Harold E. H.	May
Knudtsen, Gordon C.	J/A
Koonce, Gene C.	Nov.
Kramer, Richard A.	April
Kronke, Walter C.	Feb.
Krueger, Edward J.	J/A
Kruguer, Ignacio	Mar.
Kucera Jr., A. J.	Nov.
Kulawinski, Carl R.	J/A
Kuntz, D. Stephen	Jan.
Kunz, Jarrold M.	Feb.
Kunz, Jarrold M.	Mar.
Kuzma, David R.	Oct.
Kuzmich, Paul N.	Oct.
LaBoon, Joe T.	June
LaLonde III, William S.	Nov.
Lancaster, Donald E.	April
Landau, John F.	Mar.
Landers, William S.	April
Landis, John W.	Jan.
Laney, R. Phil	Mar.
Langer, Dr. Robert M.	Dec.
Larson, Elwin S.	May
Latshaw, Janelle	Feb.
Lawrence, Cassell O.	April
Lawrence, Richard M.	J/A
Lawson, Conrad D.	Jan.
Lear, Frank	April
Lee, C. H.	Dec.
Lee Jr., Oscar R.	Nov.
Leedom, Terry	May
Lekan, Dennis F.	April
Lekan, Dennis F.	Nov.
Lenning, Edmund B.	Feb.
Lesky, Stephen	June
Leslie, Gordon A.	Oct.
Leusch, Richard L.	Oct.
Levitin, Lloyd A.	Dec.
Lewis, Emmett B.	April
Lewis, George R.	J/A
Liberman, Lee M.	J/A
Liem, H. S.	Jan.
Linden, Dr. Henry R.	J/A
Lindenberg, E. C.	June
Linginfelter, William S.	Mar.
Livingston, Edward W.	Nov.
Logwinuk, Dr. Alex K.	Dec.
Lordley, H. E.	June
Lovasco, Sal	Mar.
Loving, Sue	April
Lowry, Laurence A.	Jan.
Lozano Jr., Ignacio E.	April
Luckett, Patrick H.	Dec.
Luongo, Richard C.	Nov.
Lynch Jr., Edward J.	Jan.
Lynch, Thomas J.	June
McAfee, Joe R.	Dec.
McCaffrey, Charles V.	Feb.
McCaslin, Ronald I.	Sept.
McCollam, Jr., William	May
McCollum, A. James	June
McCormick Jr., Dr. William T.	Oct.
McCoy, Donald W.	Mar.
McDonnell, William V.	J/A
McEldowney, Roland C.	June
McFarlain, Thomas W.	J/A
McGarr, H. J.	Dec.
McGowan, George V.	June
McHugh, John D.	Mar.
McKelvey, Ralph E.	Feb.
McKelvey, Dr. V. E.	April
McKenna, John T.	Dec.
McKenna, William	June
McKenzie, Edward D.	April
McKinney, Robert G.	Oct.
McMillan Jr., Hugh D.	Sept.
McNamara, William A.	J/A
McNeill, N. John	Oct.
McPhilliamy, Frederick W.	May
MacFarlane, David C. N.	Dec.
MacKay, Darrell B.	Sept.
Mackie, Frederick D.	J/A
Maclean, Hector	Mar.
MacNicholas, Ronald R.	Mar.
Maduro, Carlota M.	April
Maisonpierre, R. J.	Mar.
Malcolm, James W.	Nov.
Marks, James H.	Sept.
Mason, Jack F.	June
Mathewson, Judith A.	Feb.
Matthews, Roy M.	Sept.
Maxheim, John H.	Nov.
Mayson, John C.	June
Mazanec, George L.	Dec.
Mazzei Jr., A. A.	Sept.
Megahan, John B.	J/A
Meierhenry, Roy A.	Dec.
Meisenheimer, James K.	April
Mendenhall, Michael K.	J/A
Merkt, E. E.	June
Merry, Eugene W.	Dec.
Meyer, Arthur R.	J/A
Meyer, Barbara	April
Meyer, R. R.	June
Meythaler, V. W.	J/A
Mikulas, Mildred J.	J/A
Miles, Jerome A.	April
Millar, Laurie L.	Jan.
Miller, Daric M.	Sept.
Miller, G. William	Feb.
Miller, John E.	Sept.
Miller, Michael H.	Feb.
Mirabella, Anthony C.	Nov.
Mitchell, Dean H.	Nov.
Mitobe, David T.	Mar.
Miura, Muriel K.	April
Moats, John	April
Moberly, Ronald G.	J/A
Moore, B. C.	J/A
Moore, James R.	Dec.
Moore, Robert W.	May
Moore, William J. Craig	June
Morgan, Thomas E.	May
Moritz, Donald I.	Sept.
Morris, Hugh	Mar.
Morris, M. B.	Dec.
Morris, Orril H.	June
Morris, Richard S.	J/A
Mueller, William P.	J/A
Munford, Tom	Dec.
Murdy, Richard J.	May
Murphy, James R.	Dec.
Myers, Lucia	April
Nakamura, Melvin	Mar.
Nakamura, Melvin	June
Natho, Harold	June
Neises, Joseph P.	J/A
Nelson, John C.	May
Nelson, Leroy N.	April
Nelson, Leroy N.	June
Nelson, Sheffield	Sept.
Nelson, William D.	Jan.
Nesbit, Peterson	Sept.
Nevers, George M.	June
Ng, Zennon F. M.	June
Nicandros, C. S.	Dec.
Nichols Jr., John H.	June
Nikkel, John C.	Mar.
Nordstrom, Edwin A.	Sept.
Norris Jr., John W.	April
Norris, Jr., John W.	J/A
Nowlin, Robert F.	Mar.
O'Brien, Richard C.	Feb.
O'Brien, Vaughan	Oct.
Oda, Cynthia N.	June
Odlevak, Robert J.	April
O'Donnell, Bryant	Nov.
Offutt, H. A.	Feb.
Ogburn, Hugh B.	April
Ogden, John C.	Oct.
Oldham, Orval O.	Dec.
Olinger, Glenn S.	April
Olinger, Glenn S.	June
Oliver, Williemae M.	Jan.
Ono, Sanford	June
Orescan, George L.	April
Ostaszewski, Phil	June
O'Sullivan, James M.	May
O'Toole, J. Dennis	June
Pace, Ray	Nov.
Paganini, Frank	June
Palomba Jr., Joseph	Sept.
Parker, Robert S.	June
Paynter, Harry A.	Feb.
Peacock, H. Safford	June
Peal, W. R.	J/A
Pearsall, Thomas J.	Mar.
Pearson, Keith	Nov.
Pearson, Robert E.	April
Percell, Gene	J/A
Perkins, Kenneth	Dec.
Perry, Charles R.	June
Person Jr., Robert T.	Nov.
Peterson, Allen H.	J/A
Peterson, L. W.	Dec.
Petty, Travis H.	May
Phillips, Clinton W.	Sept.

Names in the News

	Issue
Phillips, Herbert	Feb.
Phipps, G. Howard	J/A
Pickard, J. David	Nov.
Pickering, George D.	April
Pierce, Charles R.	Jan.
Pierson, Edwin M.	Nov.
Podolsky, Dr. Leon	Feb.
Poindexter, Chris H.	April
Poindexter, Robert A.	J/A
Poole Jr., James I.	Feb.
Poole, John H.	April
Pope, Douglas V.	Nov.
Porter, Kenneth R.	June
Posey, Jerill	Sept.
Pottorf, Cathy B.	Sept.
Poyatt Sr., John J.	Dec.
Pritchard, C. D.	June
Prudhomme, Harry P.	April
Purdy, Alfred J.	Oct.
Purdy Jr., John W.	Feb.
Pytosh, A. Edward	Sept.
Quinn, Carl E.	J/A
Quinn, Carl S.	J/A
Radlinski, William A.	April
Rady, John M.	April
Raffaele, Joseph A.	April
Raheem, Celestine A.	J/A
Rambo, Charles H.	Nov.
Randolph, Kenneth C.	Sept.
Randolph, Ross P.	May
Ranfone, James A.	Nov.
Raskin, Fred C.	Nov.
Rasmussen, Jeffrey L.	J/A
Rawlings, Robert P.	Dec.
Rebl, Ronald G.	Mar.
Red, Charles F.	June
Reed, Jack H.	Nov.
Reed Jr., William F.	Mar.
Reeves, Dennis S.	June
Regier, Sam	Mar.
Reif, Louis R.	June
Reil, John E.	J/A
Reilly, Peter A.	Sept.
Reinhart, Lambert R.	Dec.
Reynolds, Jack W.	Oct.
Rice, Glen E.	Sept.
Richards, G. L.	June
Ritter, A. W.	Mar.
Robb, Thomas C.	Feb.
Robbins, Nancy A.	J/A
Robbins, Ray C.	April
Roberts, Dana	Nov.
Roberts, Robert E.	J/A
Rodgers, Jimmy D.	June
Rose, Frederick P.	April
Rosenberg, Dr. Robert B.	Dec.
Ross, David K.	J/A
Ross, Wilbur A.	Mar.
Rossler Jr., Willis K.	June
Rowan, Edwin C.	April
Rudolph, Karl H.	June
Ryan, Thomas J.	Dec.
Ryan, William E.	Sept.
Ryman, L. J.	Dec.
Salton, Lewis L.	April
Saussy, Charles R.	June
Scarola, John A.	Feb.
Schachman, Stephen	Mar.
Scheerbaum, Louis F.	April
Schieber, Richard H.	April
Schieler, Cal	June
Schlesinger, Dr. Benjamin	J/A
Schroeder, Norm	April
Schroeder, Norm	June
Schroer, Edmund A.	Nov.
Schuchart, John A.	Feb.
Schuh, Terrence J.	J/A
Schultz, Donald L.	June
Schwartz, Samuel	Dec.
Scott, Frederick L.	Jan.
Scott, J. N.	Dec.
Seal, Warren L.	Oct.
Sears, H. T.	Dec.
Segnar, Sam	June
Seifried, Dean B.	April
Selby, John D.	June
Selent, Lee H.	June
Sepsy, Prof. Charles E.	Sept.
Serve, Peter R.	Dec.
Shackelford, Barton W.	Feb.
Shaper, Roger T.	J/A
Shaw Jr., James R.	J/A
Shea, L. West	Feb.
Sherman, Roger J.	Feb.
Sherwood, Edwyn R.	J/A
Shery, Barnard H.	April
Shimoko, Rodney N.	April
Shriver, W. K.	Dec.
Sidwell, Richard	Sept.
Silas, C. J.	Dec.
Silvestri, Anthony	April
Simpson, John P.	Nov.
Simpson, Sandra K.	April
Singer, A. C.	J/A
Sink, Ronald E.	Sept.
Sipes, Leslie W.	Jan.
Skibinski, Leigh A.	Nov.
Skinner, Stanley T.	Feb.
Slocum, George S.	Nov.
Smalley, K. L.	Dec.
Smith, Douglas W.	Sept.
Smith, Forrest	Sept.
Smith, H. Pete	Sept.
Smith, J. Albert	Jan.
Smith, James F.	April
Smith, Russell J.	Dec.
Smith, Sara Hurst	Jan.
Smith, Walter F.	June
Speer, R. D.	Nov.
Spitler, Glenn	Nov.
Spring, Samuel N.	Oct.
Springer, Jerry M.	J/A
Sproul, John A.	Feb.
St. John, Dale W.	J/A
Stanonik, Frank A.	April
Stefl, Charles A.	J/A
Steinhoff, Paul F.	Dec.
Stelter, Don	Mar.
Stephenson, Mike	June
Stevens, Peter W.	Feb.
Stevens, Peter W.	Sept.
Stewart, Thomas H.	Jan.
Stewart, Thomas H.	May
Stokes, R. B.	Sept.
Stone Sr., Wilton R.	Feb.
Strand, James A.	Mar.
Strawhacker, Kathleen	J/A
Sullivan, Frederick W.	May
Swagler, Robert C.	Jan.
Switzer, Donald C.	June
Szymanski, Kenneth	April
Taber, Alexander F.	April
Taggart, Ganson P.	Dec.
Tate, David	Mar.
Taulbee, John E.	Mar.
Taylor, Gilbert R.	June
Teele, Gerald A.	April
Telthorst, Ernest F.	Feb.
Terreri, A. Norman	J/A
Terry, Sydney L.	Feb.
Thomas, Ralph S.	J/A
Thompson, W. Reid	June
Thompson Jr., Louis M.	Mar.
Threlkeld, W. B.	J/A
Tillett, W. C.	Feb.
Tillett, W. C.	Sept.
Toll, David R.	Dec.
Torrance Jr., Walter F.	Mar.
Towbridge, Roy P.	Feb.
Tracy, Euhene A.	Feb.
Trimble, John H.	J/A
Tunney, David M.	June
Uhl, Wilfred O.	Jan.
Uhl, Wilfred O.	Feb.
Ulveling, Roger A.	Feb.
Ungar, Dr. Edward W.	J/A
Upchurch Jr., T. B.	Mar.
Vadakin, Betty S.	May
Vallely, Joseph N.	Sept.
Van Dyck, John M.	J/A
Van Meter II, L. E.	Feb.
Vandewater, C. R.	Mar.
Venner, Jack H.	Nov.
Vickers, L. D.	Nov.
Viehweg, John M.	Sept.
Vincent, Norman E.	Dec.
Vogelsang, William R.	June
Vondrasek, Frank C.	J/A
Voss, Leola M.	Jan.
Waites, Gerald W.	J/A
Walden, Omi G.	Dec.
Walker, J. R.	Nov.
Walker, R. F.	Nov.
Wallace, George	Jan.
Wallace, James D.	Sept.
Wallace, R. G.	Nov.
Warmack, John W.	J/A
Wassler, Alfred R.	J/A
Wassom, Allan W.	May
Weber, John	April
Weir, D. W.	Sept.
Weiss, Alfred M.	Jan.
Weiss, Jack K.	Feb.
Weissman, Oscar	Mar.
Welborne, Lawrence E.	Feb.
Weldon, H. P.	Mar.
Wells, Calvin B.	April
Wells, Joseph M.	Jan.
Westervelt, R. Dean	June
Westrom, Fred N.	April
Wheat, C. M.	Sept.
Wheatley, Patricia L.	Nov.
Whitacre, John V.	Sept.
White, W. W.	Sept.
Whitehill, Roger G.	Dec.
Whitford Jr., Stanley D.	Jan.
Whiting, Kenneth R.	Sept.
Whitmire, Carl F.	Nov.
Whittington, E. Louis	Dec.
Wieczorek, Robert R.	May
Wilhite, C. R.	Dec.
Wilhite, Jim O.	Sept.
Williams, George H.	Dec.
Wilson, Gerald A.	J/A
Wilson, J. Robert	Sept.
Wilson, J. Robert	Oct.
Winburn Jr., H. Clifford	June
Withers, Bruce M.	Dec.
Wolfe, Robert E.	Feb.
Wooden, Donald L.	J/A
Work, Bruce V.	Jan.
Worley, Dennis	April
Wyse, Lois	Mar.
Wroble, John L.	Feb.
Wroble, John L.	Mar.
Yarchusko, Barnard B.	April
Yorioka, Richard	Mar.
Yoshinaga, Terry Nui	April
Young, DeForrest	J/A
Young, Gary W.	Mar.
Zeidler, Jurgen W.	June
Zeldenrust, Robert	J/A
Zimmer Jr., William H.	J/A

Obituaries

	Issue
Ansley, James Jackson	Dec.
Cain, R. Wofford	Jan.
Chandler, Marland H.	Mar.
Chesser Jr., Alec	Sept.
Finn, Fenton H.	Dec.
Hopkins Jr., John G.	Jan.
Hubbard, Edward F.	Jan.
Nisbet, Edith	June
Rutherford, Richard	Jan.
Wadsworth, Guy W.	Feb.
Stoneman, John C.	Oct.
Thomas, Guy Wesley	June
Tuohy, John J.	Jan.

Additional copies of this annual index will be available upon request to the extent of supply